Rractitioner's Docket No. MBIO99-030RCEM

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	In re application of:	Barnes, Thomas M., et al. (a	s amended)	
	Application No.:	09/333,159	Group No.:	1646
ı	Filed:	June 14, 1999	Examiner:	Jiang, Dong
Ī	For:	NOVEL GENES ENCODIN	IG PROTEINS HAVI	ING DIAGNOSTIC,
		PREVENTIVE, THERAPE	UTIC, AND OTHER	USES

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Supplemental Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

 (x) Preliminary Statement 	nts
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- 2. [x] Forms PTO/SB/08A and PTO/SB/08B (5 pages)
- 3. [x] Copies of Listed Information Items Accompanying This Statement (29 references)

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Practitioner's Docket No. MBIO99-030RCEM

Preliminary statements

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. section 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Copies of Listed Information Items Accompanying This Statement

Legible copies of all items listed in PTO/SB/08A and PTO/SB/08B (substitute for Form PTO-1449) accompany this information statement. Please note that these references and Information Disclosure Statement were previously submitted to the Examiner on December 21, 1999, and on November 19, 2002, however only the PTO-1449 form was received by the Examiner and not the references.

January 9, 2004

MILLENNIUM PHARMACEUTICALS, INC.

By:

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Practitioner's Docket No. MBIO99-030RCEM

PATENT

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For:	NOVEL GENES ENCODING PREVENTIVE, THERAPEUT			

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Practitioner's Docket N . MBIO99-030RCEM

	 a final action under Section 1.113, a notice of allowance under Section 1.311, or an action that otherwise closes prosecution in the application
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If any additional fees are due, please charge Account 501668.

January 9, 2004	MILLENNIUM PHARMAÇEUŢICALS, INC.
	By Jan Wilver
	Jean M. Šilveri
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Substitute for form 1449A/PTO	Сотр	l te if Kn wn
INFORMATION DISCLOSURE	Application Number	09/333159
IN ONINATION DISCLOSURE	Filing Date	June 14, 1999
STATEMENT BY APPLICANT	First Named Invent r	Barnes, Thomas M., et al. (as amended)
g 2004 🕏 (use as many sheets as necessary)	Group Art Unit	1646
\$\frac{1}{2}\$	Examiner Name	Jiang, Dong
Sheet of 1	Attorney Docket Number	MBIO99-030RCEM

منظفن	U.S. PATENT DOCUMENTS								
		U.S. Patent Document				Date of Publication of	Pages, Columns, Lines, Where		
Examiner	Cite			Code ²	Name of Patentee or Applicant	Cited Document	Relevant Passages or Relevant		
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		Code ⁵ Office ³	Number ⁴	(if known)	of Cited Document	(MM-DD-YYYY)	Relevant Passages or Relevant Figures Appear	'
	B1	wo	96/34873	A1	INCYTE PHARMACEUTICALS	11-07-1996		
	B2	wo	98/45436	A2	GENETICS INSTITUTE, INC.	10-15-1998		

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Complete if Known Substitute for form 1449B/PTO 09/333,159 INFORMATION DISCLOSURE Application Numb r **Filing Date** June 14, 1999 **EMENT BY APPLICANT** Barnes, Thomas M., et al. First Named Inv ntor (as amended) **Group Art Unit** 1646 (use as many sheets as necessary) **Examiner Name** Jiang, Dong of MBIO99-030RCEM Attorney Docket Number

Sheet 07	1	of 4 Attorney Docket Number MBIO99-030RCEM
THE DE	,	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.1	Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.
	C1	ELSBACH, P., "The Bactericidal/Permeability-Increasing Protein (BPI) in Antibacterial Host Defense", Journal of Leukocyte Biology, Vol.64, July 1998, pp.14-18
	C2	MAHADEVA, R. MD, et al. "Vasculitis and Bronchiectasis in a Patient With Antibodies to Bactericidal/Permeability-Increasing Protein and alpha sub 1-Antitrypsin Deficiency", CHEST, Vol. 112(6), December 1997, pp. 1699-1701
	C3	DOCHERTY, A.J., et al. "Triacylglycerol lipase, gastric precursor (Gastric lipase) (GL) (Lingual lipase)", Created August 13, 1987, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenPept Accession No. P04634.
	C4	Vaganay, S., et al. "Triacylglycerol lipase, gastric precursor (Gastric lipase) (GL)", Sequence updated July 15, 1998, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenPept Accession No. P80035.
	C5	Bodner, M. W., et al. "Triacylglycerol lipase, gastric precursor (Gastric lipase) (GL)", Created April 1, 1988, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P07098.
	C6	Anderson, R. A., et al. "Lysosomal acid lipase/cholesteryl ester hydrolase precursor (LAL) (Acid cholesteryl ester hydrolase) (Sterol esterase) (Lipase A) (Cholesteryl esterase)", Sequence updated October 1, 1994, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]: Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P38571.
	C7	Waterston, R. "Hypothetical protein C06E1.3 in chromosome III", Created February 1, 1994, (sequence) GenPept (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenPept Accession No. P34298.
	C8	Strausberg, Robert. "Homo sapiens cDNA clone", June 25, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenPept Accession No. AA506741.
	C9	Marra, M. "Barstead mouse myotubes MPLRB5 Mus musculus cDNA clone", November 25, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AA670682.

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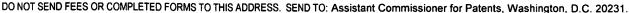
Compl te if Kn wn Substitute for form 1449B/PTO 09/333,159 Applicati n Number OTHEORMATION DISCLOSURE Filing Date June 14, 1999 STATEMENT BY APPLICANT Barnes, Thomas M., et al. First Nam d Inventor (as amended) **Group Art Unit** 1646 (use as many sheets as necessary) **Examiner Name** Jiang, Dong of 4 MBIO99-030RCEM

Attorney Docket Number

	T	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	т—
Examiner	Cite	Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher,	T
Initials*	No. ¹	city and-or country where published.	Ľ
	C10	Marra, M., et al., "vi87g10.rl Stratagene mouse heart (#937316) Mus musculus cDNA clone	
		IMAGE:919266 5', MRNA sequence", July 1, 1997, (sequence) GenBank (online)	
		Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January	
		7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank	
		Accession No. AA499001.	L
	C11	Marra, M., et al., "vu67d08.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone	
		IMAGE:1196463 5', MRNA sequence", February 9, 1998, (sequence) GenBank (online)	
		Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January	
		7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank	
******	040	Accession No. AA794194.	
	C12	Marra, M., et al., "vv53h10.r1 Soares_thymus_2NbMT Mus musculus cDNA clone	
		IMAGE:1226179 5', MRNA sequence", January 21, 1998, (sequence) GenBank (online)	
		Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January	
		7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank	ŀ
-	C12	Accession No. AA756504.	╀
	C13	Mclaren, S., "Human DNA sequence from clone CTA-57G9 on chromosome 22q12.1,	
		complete sequence." June 3, 2003, (sequence) GenBank (online) Bethesda, MD, USA:	
	İ	National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved	
	C14	from the Internet: URL: http://www.ncbi.nlm.gov/>. GenBank Accession No. AA295116.	╀
	614	Wijingaard, P. L., et al., "B.bovis WC1.1 mRNA", May 24, 1994, (sequence) GenBank	
		(online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank	
		Accession No. X63723.	
	C15	Puschel, A. W., et al., "M. musculus mRNA for semaphoring B.", July 8, 1996, (sequence)	╁
		GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information	
		[retrieved on January 7, 2004]. Retrieved from the Internet: URL:	
		http://www.ncbi.nlm.gov/>. GenBank Accession No. X85991.	
	C16	Strausberg, R. Ph.D., "aa34h11.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone	╁
		IMAGE:815205 5', MRNA sequence", June 23, 1997, (sequence) GenBank (online)	
	İ	Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January	
		7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/>. GenBank	
		Accession No. AA481246.	
	C17	Wilson, R. K., "ze94e06.r1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone	t
		IMAGE:366658 5', MRNA sequence", March 29, 1996, (sequence) GenBank (online)	
		Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January	
	1	7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank	
		Accession No. AA029404.	

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	,	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include the name of the author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T²
	C18	Nathans, J., "17e7 Human retina cDNA randomly primed sublibrary Homo sapiens cDNA, MRNA sequence", May 8, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. W25986.	
	C19	Wilson, R. K., et al., "zj63a09.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:454936 3', MRNA sequence", February 5, 1998, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. AA779337.	
	C20	Wilson, R. K., et al., "zn42f02.r1 Stratagene endothelial cell 937223 Homo sapiens cDNA clone IMAGE:550107 5', MRNA sequence", November 27, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. AA082143.	
	C21	Marra, M., et al., "me11b04.r1 Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone IMAGE:387151 5', MRNA sequence", June 11, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. W65734.	
	C22	Marra, M., et al., "mj65c04.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone IMAGE:480966 5', MRNA sequence", September 23, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. AA059511.	
	C23	Marra, M., et al., "mq60d04.r1 Soares_thymus_2NbMT Mus musculus cDNA clone IMAGE:583111 5', MRNA sequence", December 11, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. AA153748.	
	C24	Smith, M., "Human DNA sequence from clone RP1-149A16 on chromosome 22, complete sequence.", March 4, 2003, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. AL021937.	
	C25	Ameis, D. et al., "H.sapiens mRNA for lysosomal acid lipase", February 25, 1994, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ . GenBank Accession No. X76488.	

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STATEMENT BY APPLICANT	First Named Invent r	Barnes, Thomas M., et al. (as amended)	
0 9 2004 (use as many sheets as necessary)	Group Art Unit	1646	
	Examiner Name	Jiang, Dong	
Sheet of 4	Attorney Docket Number	MBIO99-030RCEM	

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	C26	Wilson, R. K., "zd90g02.s1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:356786 3', MRNA sequence", June 19, 1996, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. W80832.	
	C27	Wilson, R. K., "ab94f09.s1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:854633 3', MRNA sequence", June 25, 1997, (sequence) GenBank (online) Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2004]. Retrieved from the Internet: URL: http://www.ncbi.nlm.gov/ >. GenBank Accession No. AA630445.	
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